Status of Baglihar Hydro Power Project

1492. SHRI KALRAJ MISHRA: Will the Minister of POWER be pleased to state:

(a) whether the Prime Minister had inaugurated the Baglihar Hydro Power Project in October this year;

(b) if so, the power capacity added and how the same would be shared among the beneficiary States; and

(c) at what cost the project has been completed?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) and (b) The Prime Minister has inaugurated the Baglihar Hydro Power Project (HEP) Stage-I on 10th October, 2008. With the commissioning of three units of Baglihar Hydro Power Project (Stage-I), 450 MW of power capacity has been added to power production capacity of the State Government. Baglihar HEP being a State Sector Project, Jammu & Kashmir is the sole beneficiary State from the Project.

(c) As informed by Government of J&K, the Stage-I approved cost of the Project is Rs.5,200 crore which includes some common works for Stage-II also.

Development of Hydro Power Generation

1493. SHRI B.J. PANDA: Will the Minister of POWER be pleased to state:

(a) whether Government proposes to give a big push to hydro-power in Arunachal Pradesh, Jammu and Kashmir and other hilly regions;

(b) if so, the details thereof;

(c) whether it is also proposed to double the hydro-power capacity during the Eleventh Five Year Plan;

(d) if so, the details thereof; and

(e) what is its status in Orissa and what is Government's action plan to exploit this sector in this region?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) and (b) Yes, Sir. The development of hydro power potential in Arunachal Pradesh, Jammu and Kashmir and other major hilly regions has been given top priority by the Central Government. The details of the hydro-electric schemes presently under construction in these States are as under:-

State	H.E. Schemes under Construction	
	Nos.	I.C. (MW)
Arunachal Pradesh	2	2,600
Jammu & Kashmir	5	749
Himachal Pradesh	14	4,435
Uttarakhand	4	1,850
Sikkim	4	1,919
TOTAL	29	11,553

(c) and (d) The present hydro capacity in the country is of the order of about 37,440.5 MW (including 4,809 MW of pumped storage schemes). The Planning Commission has approved a capacity addition programme of 78,700 MW during the 11th Plan period (2007-12) which includes 15,627 MW from Hydro Projects as per the details given in the Statement (*See* below). 2,862 MW of hydro capacity has already been commissioned during the 11th Plan Period up to Sept., 2008. The hydro capacity added during the 10th Plan was of the order of 7,886 MW.

(e) As per the re-assessment studies completed by CEA in 1987, the hydro electric potential of Orissa has been estimated as 2,999 MW. Presently 7 hydel schemes with an aggregate capacity of 2,011.5 MW are in operation in the state. Under 50,000 MW Hydro Initiative, Preliminary Feasibility Report (PFR) have been prepared in respect of 4 schemes with an aggregate installed capacity of 1,189 MW. However, the first year tariffs of these projects range from Rs. 3.69 to Rs. 7.1 kWh/unit. Therefore, these projects have not been considered for preparation of DPR/execution at this stage.

During 11th Plan, one project namely Balimela Ext. HE Project (2x75=150 MW) has been commissioned in Orissa.

Statement

Hydro capacity addition target during 11th plan as per capacity addition target of 78,700 MW set by Planning Commission

Sl. No.	Plant name	State	Agency	Sector	Category	Ultimate Capacity (MW)	Likely Benefits 11th Plan (2007-12) (MW)
1	2	3	4	5	6	7	8
1	Parbati-II	HP	NHPC	C	UC	800	800
2	Chamera-III	HP	NHPC	C	UC	231	231
3	Parbati-III	HP	NHPC	C	UC	520	520
4	Sewa-II	J&K	NHPC	C	UC	120	120
5	Uri-II	J&K	NHPC	C	UC	240	240
6	Nimoo Bazgo	J&K	NHPC	C	UC	45	45
7	Chutak	J&K	NHPC	C	UC	44	44
8	Omkareshwar	MP	NHDC	C	COMND	520	520
9	Teesta V U 1,2,3	Sikkim	NHPC	C	COMND	510	510
10	Teesta Low Dam-III	WB	NHPC	C	UC	132	132
11	Teesta Low Dam-IV	WB	NHPC	C	UC	160	160
12	Subansiri Lower	AR. PR.	NHPC	C	UC	2000	2000
13	Koteshwar	UKND	THDC	C	UC	400	400

1	2	3	4	5	6	7	8
14	Rampur	HP	SJVNL	C	UC	412	412
15	Kameng	AR. PR.	NEEPCO	C	UC	600	600
16	Kol Dam	HP	NTPC	C	UC	800	800
17	Lohari Nagpala	UKND	NTPC	C	UC	600	600
18	Tapovan Vishnugarh	UKND	NTPC	C	UC	520	520
19	UHL-III	HP	HPJVVNL	S	UC	100	100
20	Sawara Kuddu	HP	PVC	S	UC	110	110
21	Baglihar-I U1	J&K	JKPDC	S	COMND	150	150
21	Baglihar-I U 2,3	J&K	JKPDC	S	UC	300	300
22	Maneri Bhali	UKND	UJVNL	S	COMND	304	304
23	Ghatghar PSS U 1,2	MAH	GOMID	S	COMND	250	250
24	Jurala Priya U 1,2	AP	APGENCO	S	COMND	78	78
24	Jurala Priya U 3-6	AP	APGENCO	S	UC	156	156
25	Nagarjuna Sagar TR	AP	APGENCO	S	UC	50	50
26	Lower Jurala	AP	APGENCO	S	UC	240	240
27	Pulichintala	AP	APID	S	UC	120	120
28	Varahi Ext.	KAR	KPCL	S	UC	230	230
29	Kutiyadi Ext.	KERL	KSEB	S	UC	100	100
30	Pallivasal	KERL	KSEB	S	UC	60	60
31	Bhawani Barrage II & III	TN	TNEB	S	UC	60	60
32	Balimela ST-II U 7, 8	Orissa	OHPC	S	COMND	150	150
33	Purlia PSS	WB	WBSEB	S	COMND	900	900
34	Myntdu St-I	MEGH	MeSEB	S	UC	84	84
35	New Umtru	MEGH	MeSEB	S	UC	40	40
36	Budhil	HP	LANCO	P	UC	70	70
37	Allain Duhangan	HP	ADHPL	P	UC	192	192
38	Malana II	HP	EVRESTPC	P	UC	100	100
39	Karcham Wangtoo	HP	JPKHCL	P	UC	1000	1000
40	Sorang	HP	SORANDPC	P	UC	100	100
41	Srinagar	UKND	GVK	P	UC	330	330
42	Maheshwar	MP	SMHPCL	P	UC	400	400
43	Teesta III	Sikkim	TEESTA URJA	P	UC	1200	1200
44	Chujachen	Sikkim	GATI	P	UC	99	99
	TOTAL						15627

C: Central Sector; S: State Sector; P: Private Sector; COMND: COMMISSIONED; UC: Under construction